

## Puzzle Questions Overview

Puzzle Questions have a good weightage in the Ssc Chsl Exam and the type of question asked in Ssc Chsl exam is similar to the question mentioned below. It has been solved and explained by KD Live Experts under the guidance of Neetu Mam and they have tried to elaborate the concept used in Puzzle Questions.

## Comprehension On Puzzle Questions

Direction: Read the following information carefully and answer the questions given below. Six boxes are placed one above another. Each box is different in colour and weight. Weight of box X is 4 times of box W. Grey colour box is placed above box U but not immediately above. Neither Z nor V is grey in colour. Only two boxes are placed between box V and the green-colour box. Weight of the purple-colour box is just double the weight of the blue-colour box. Box U is not placed adjacent to Box V, which is not placed at the bottom. Y is the black colour box. Green colour box is placed below the grey colour box. U is not a purple-colour box. Weight of box V is 7kg less than box Z. Weight of the purple colour box is 2.5 times of the black colour box. More than three boxes are placed below box Z. Two boxes are placed between X and U. Pink colour box is placed just below box X. X is placed above U. Weight of box W is 10kg less than the weight of box U.

## Question On Puzzle

What is the weight of the purple colour box?

Difficulty : Moderate

Average Time : 84 Seconds

## Puzzle Questions Options

1. 60kg
2. 20kg
3. 43kg
4. 50kg
5. None of these

## Puzzle Questions Solution

The correct answer is **Option 4** i.e. **50kg**

1. More than three boxes are placed below box Z.
2. Two boxes are placed between X and U.
3. Pink colour box is placed just below box X. X is placed above U.
4. Grey colour box is placed above box U but not immediately above.
5. Neither Z nor V is grey in colour.

There are four possibilities-

Case-1	Case-2	Case-3	Case-4
Z	Z	X- Grey-	
X		Z- Pink-	Z
- Pink-	X		X
	- Pink-	U	Pink
U			
	U		U

6. Only two boxes are placed between box V and the green-colour box.
7. Box U is not placed adjacent to Box V, which is not placed at the bottom.

From these conditions, case-3 will be eliminated and there is another possibility in case-2.

Case-1	Case-2	Case-2a	Case-4
Z	Z	Z- Green-	- Green-
X- Grey-	V	-Grey/	Z
V - Pink-	X- Grey-	X- Grey/	X- Grey-
	- Pink-	V- Pink-	V- Pink

U	- Green-		
- Green-	U	U	U

8. Y is the black colour box.

9. Green colour box is placed below the grey colour box. (From these conditions case-2, case-2a and Case-4 will be eliminated).

10. U is not a purple-colour box.

11. Weight of the blue colour box is an odd multiple of 5 but more than 20 and less than 33.

12. Weight of the purple-colour box is just double the weight of the blue-colour box.

13. Weight of box W is 10kg less than the weight of box U. (Hence U is the blue colour box and its weight is 25kg and the weight of the purple colour box that is Z is 50 and the weight of box W is 15).

Boxes	Colour	Weight
Z	Purple	50kg
X	Grey	
V	Pink	
Y	Black	
U	Blue	25kg
W	Green	15kg

14. Weight of box V is 7kg less than box Z.

15. Weight of the purple colour box is 2.5 times of the black colour box.

16. Weight of box X is 4 times of box W.

The final arrangement is-

Boxes	Colour	Weight

Z	Purple	50kg
X	Grey	60kg
V	Pink	43kg
Y	Black	20kg
U	Blue	25kg
W	Green	15kg

From the above arrangement, the weight of the purple colour box is 50kg.

Hence the correct answer is **50kg**.

## Puzzle Questions Tips and Tricks



1. Try to solve Puzzle Questions without taking any help from the solutions.
2. Puzzle Questions require proper usage of concept so firstly read the question thoroughly and then use the right concept.
3. In case you're not able to solve the question in less than 30 seconds in the exam then you should skip the question and move to the next question.

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## About Neetu Mam

Neetu Mam is primarily passionate for the English language and teaching from the last 20 years however for the Puzzle Questions. She has guided her team to provide the best explanation for the question.